Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 14 Sep 2021 until 23:59 on Wednesday 15 Sep 2021

Forecast Issued on Monday 13 Sep 2021 at 15:04

Confidence: High for general theme but only moderate for rainfall and cloud amounts from mid-afternoon Tuesday and into Wednesday. Remaining high for mostly dry conditions to follow until Friday afternoon, but then low for the timing and extent of rain spreading east.

Headline for Tuesday 14 Sep 2021: Outbreaks of rain. Extensive cloud obscuring views from tops.

Mountain weather hazards on Tuesday 14 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Dull	Dull	Light rain	Heavy Rain	Light rain	Drizzle	Dull
Precipitation probability							
20%	20%	20%	30%	60%	40%	30%	20%

Forecast for Tuesday 14 Sep 2021

Weather: Cloud thickening during the early hours with a few outbreaks of drizzle possible through the morning. Rain becoming heavy at times, and likely turning persistent across most routes by the afternoon. Some drier intervals developing in the west later however, and becoming more widespread into the evening and after dark.

Chance of cloud free mountain/hill tops above 600m: 30% at first, falling to 10% by dawn. Improving to 40% in the west by the evening.

Visibility: Very limited views throughout, with visibility becoming poor during any heavier bursts of rain or drizzle. Cloud will also obscure summits above 400m for much of the day, and down to 300m at times during heavier bursts. Cloud potentially lifting above hill tops in the west through the late afternoon and evening

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Mountain Weather Forecast

Forecast for Tuesday 14 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/24 SE	15/22 SE	12/18 E	11/17 E	13/18 E	13/19 E	13/18 NE	11/17 NE	11/15 NE
300	12/21 SE	7/13 E	5/10 E	8/12 NE	10/16 E	9/14 NE	9/16 NE	7/13 NE	5/11 N
Valley	7/16 E	6/12 E	6/11 E	8/16 E	8/16 E	9/17 E	8/17 NE	6/13 NE	5/9 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	11/8	11/8	11/9	12/10	12/10	11/9	11/9	11/9
300	13/11	13/12	13/12	13/12	14/13	14/13	14/12	13/12	13/12
Valley	14/13	14/12	13/12	14/13	15/14	15/14	14/13	14/13	13/13
Freezing Level*	2700m	2700m	2800m	2800m	2800m	2800m	2800m	2800m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A poor day for views, with much of the hills shrouded, especially at height, and frequent rain. Waterproofs will be essential, with the best of any drier conditions later in the day and in the west.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 13 Sep 2021	3.4mm	3.4mm	5.6mm

Forecast for Wednesday 15 Sep 2021

Weather: Cloudy with the low risk of some lingering rain or drizzle during the early hours of Wednesday, but soon clearing east. The odd patch of mist or fog possible in valleys. A fine day follows, with overnight cloud soon breaking to give some good spells of warm sunshine. Cloud returning during the evening, with some light rain also possible.

Maximum wind: Northeasterly 5-15mph becoming Westerly 5-15mph during the afternoon.

Chance of cloud free mountain/hill tops above 600m: 20% increasing to 60% by dawn and above 90% by midday.

Visibility: Poor during the early hours with cloud still obscuring hills above 500m, and the chance of drizzle but improving to be good to very good through the morning as cloud lifts and breaks to be above summits level. Any clearer spells through the early hours, could also allow the odd patch of mist or fog to develop in valleys.

Temperature: **Valleys:** Plus 10 Celsius rising to Plus 21 Celsius
At 600m: Plus 10 Celsius rising to Plus 15 Celsius
Freezing level: Above summits.

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